



Attorney Docket No.: 53951-102

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: James M. Brugger, et al.

Confirmation No.: 8073

Appl. No.: 110/650,935

Examiner: Sun U. Kim

Filing Date: August 27, 2003

Art Unit: 1723

Title: FLUID CIRCUITS, SYSTEMS, AND PROCESSES FOR  
EXTRACORPOREAL BLOOD PROCESSING

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.56 and 37 CFR §1.97**

Commissioner for Patents  
Customer Service Window, Mail Stop Amendment  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

Listed on the attached Form PTO/SB/08A are documents known to applicants in order to comply with applicants' duty of disclosure pursuant to 37 CFR §1.56. Enclosed for the Examiner's convenience is a copy of the listed U.S. documents. These materials are being submitted to comply with the provisions of 37 CFR §1.97-§1.98.

The citation of any document herewith, is not intended as an admission that such document constitutes prior art against the claims of the present application or is considered to be material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the claims of the present application.

**CONCLUSION**

Applicants respectfully request that the listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08A be returned in accordance with M.P.E.P. §609.

U.S. Serial No.: 10/650,935

Attorney Docket No.: 53951-102

Respectfully submitted,

Date: October 11, 2006

PROSKAUER ROSE LLP  
1001 Pennsylvania Avenue, N.W.  
Suite 400  
Washington, DC 20004  
Telephone: (202) 416-6800  
Facsimile: (202) 416-6899  
CUSTOMER NO: 61263

By



Mark A. Catan  
Attorney for Applicant  
Registration No. 38,720  
Customer No. 61263



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Application Number	10/650,935
Filing Date	August 27, 2003
First Named Inventor	James M. Brugger
Art Unit	1723
Examiner Name	Sun U. Kim
Attorney Docket Number	53951-102

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 2001-48909	12/06/2001	Michael A. Taylor	
		US- 2002-193733	12/19/2002	Michael A. Taylor	
		US- 2003-100860	05/29/2003	Eugene C. Jones, et al.	
		US- 2003-105435	06/05/2003	Michael A. Taylor	
		US- 2003-12690	01/16/2003	Michael A. Taylor, et al.	
		US- 2003-12714	01/16/2003	Michael A. Taylor, et al.	
		US- 2003-209497	11/13/2003	Frederick Stanley Baker, et al.	
		US- 2003-209498	11/13/2003	Frederick Stanley Baker, et al.	
		US- 2003-42201	03/06/2003	Mark L. Sizelove, et al.	
		US- 2004-182773	09/23/2004	Kuo-Hsin Ho	
		US- 2004-195157	10/07/2004	Stephen M. Mullins, et al.	
		US- 2004-206703	10/21/2004	Antonio Bosetto, et al.	
		US- 2004-226874	11/18/2004	Toshiki Nanko, et al.	
		US- 2004-31741	02/19/2004	Michael A. Taylor	
		US- 2004-45881	03/11/2004	Gregory R. Collins, et al.	
		US- 2004-57885	03/25/2004	Michael A. Taylor	
		US- 2004-64080	04/01/2004	Edward Cruz, et al.	
		US- 2004-79703	04/29/2004	Jacques Chevallet, et al.	
		US- 2004-99596	05/27/2004	Morteza Naghavi, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
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## U. S. PATENT DOCUMENTS

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 3,562,520	02/09/1971	Ralph W. Hippen	
		US- 3,697,418	10/10/1972	A.M. Johnson	
		US- 3,858,048	12/31/1974	William A. Shand, et al.	
		US- 4,102,645	07/25/1978	Thomas E. Meacham, Jr., et al.	
		US- 4,160,727	07/10/1979	Robert M. Harris, Jr.	
		US- 4,196,081	04/01/1980	Edgar H. Pavia	
		US- 4,231,872	11/04/1980	Wolfgang Keil	
		US- 4,277,332	07/07/1981	John W. Baughn	
		US- 4,280,912	07/28/1981	W. James Berry, III, et al.	
		US- 4,304,996	12/08/1981	Frederick K. Blades	
		US- 4,414,172	11/08/1983	Hayden L. Leason	
		US- 4,439,188	03/27/1984	T. Michael Dennehey, et al.	
		US- 4,464,172	08/07/1984	Eric S. Lichtenstein	
		US- 4,468,329	08/28/1984	Stanley Shaldon, et al.	
		US- 4,469,593	09/04/1984	Toshikazu Ishihara, et al.	
		US- 4,479,760	10/30/1984	Arnold C. Bilstad, et al.	
		US- 4,479,761	10/30/1984	Arnold C. Bilstad, et al.	
		US- 4,479,762	10/30/1984	Arnold C. Bilstad, et al.	
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Sheet 3

of 7

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Art Unit	1723
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Examiner Name	Sun U. Kim
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		US- 4,576,603	03/18/1986	Gerald Moss	
		US- 4,610,781	09/09/1986	Arnold C. Bilstad, et al.	
		US- 4,617,115	10/14/1986	Georges Vantard	
		US- 4,629,448	12/16/1986	Per-Oloy A. V. Carlsson, et al.	
		US- 4,666,598	05/19/1987	Gary B. Heath, et al.	
		US- 4,670,007	06/02/1987	Peter G. Wheeldon, et al.	
		US- 4,698,153	10/06/1987	Harumi Matsuzaki, et al.	
		US- 4,702,829	10/27/1987	Hans-Dietrick Polaschegg, et al	
		US- 4,711,715	12/08/1987	Hans-Dietrich Polaschegg	
		US- 4,713,171	12/15/1987	Hans-Dietrich Polaschegg	
		US- 4,765,888	08/23/1988	Bernard Barthe, et al.	
		US- 4,770,787	09/13/1988	Gary B. Heath, et al.	
		US- 4,784,763	11/15/1988	Larry G. Hambleton, et al.	
		US- 4,810,388	03/07/1989	Ben Trasen	
		US- 4,825,168	04/25/1989	Francis T. Ogawa, et al.	
		US- 4,894,164	01/16/1990	Hans-Dietrich Polaschegg	
		US- 4,899,057	02/06/1990	Massashi Koji	
		US- 4,909,931	03/20/1990	Eitan Bibi	
		US- 4,923,598	05/08/1990	Wilfried Schal	

## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

17

**Complete if Known**

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 4,950,395	08/21/1990	Gerard Richalley	
		US- 4,976,685	12/11/1990	Frank E. Block, Jr.	
		US- 4,994,056	02/19/1991	Daniel P. Ikeda	
		US- 4,997,570	03/05/1991	Hans-Dietrich Polaschegg	
		US- 5,004,535	04/02/1991	Robert S. Bosko, et al.	
		US- 5,032,265	07/16/1991	Anil D. Jha, et al.	
		US- 5,071,558	12/10/1991	Nobuo Itob	
		US- 5,110,479	05/05/1992	Moshe A. Frommer, et al.	
		US- 5,114,580	05/19/1992	Suhail Ahmad, et al.	
		US- 5,125,891	06/30/1992	K. Mosaddeq Hossain, et al.	
		US- 5,128,035	07/07/1992	Robert A. Clack, et al.	
		US- 5,178,763	01/12/1993	Marc Delaunay	
		US- 5,194,157	03/16/1993	Paolo Ghezzi, et al.	
		US- 5,204,681	04/20/1993	Morton Greene	
		US- 5,217,607	06/08/1993	William E. Dalton, III, et al.	
		US- 5,227,053	07/13/1993	Stanley J. Brym	
		US- 5,230,792	07/27/1993	Christian Sauska, et al.	
		US- 5,247,434	09/21/1993	Bruce A. Peterson, et al.	
		US- 5,259,954	11/09/1993	Michael A. Taylor	

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		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
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Sheet 5

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,277,820	01/11/1994	Stephen R. Ash	
		US- 5,288,412	02/22/1994	Michael T. Voorhees, et al.	
		US- 5,291,205	03/01/1994	Morton Greene	
		US- 5,312,547	05/17/1994	Robert J. Kruger, et al.	
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		US- 5,484,397	01/16/1996	Zbylut J. Twardowski	
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		US- 5,494,585	02/27/1996	Dale W. Cox	

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		US- 5,503,800	04/02/1996	David Free	
		US- 5,536,403	07/16/1996	Akitoshi Sugimoto	
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		US- 5,660,719	08/26/1997	Mark E. Kurtz	
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		US- 5,685,980	11/11/1997	Walter Patapoff, et al.	
		US- 5,687,764	11/18/1997	Ryoichi Tanaka, et al.	
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		US- 5,698,090	12/16/1997	Bernard Bene, et al.	
		US- 5,702,597	12/30/1997	Jacques Chevallet, et al.	
		US- 5,725,776	03/10/1998	Rodney S. Kenley, et al.	
		US- 5,725,777	03/10/1998	Michael A. Taylor	
		US- 5,744,027	04/28/1998	Mark E. Connell, et al.	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet 7

of 7

**Complete if Known**

Application Number	10/650,935
Filing Date	August 27, 2003
First Named Inventor	James M. Brugger
Art Unit	1723
Examiner Name	Sun U. Kim
Attorney Docket Number	53951-102

## U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,762,805	06/09/1998	Lori A. Truitt, et al.	
		US- 5,776,345	07/07/1998	Lori A. Truit, et al.	
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		US- 6,066,261	05/23/2000	Reiner Spickermann	
		US- 6,132,616	10/17/2000	Zbylut J. Twardowski, et al.	
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		US- 6,979,309	12/27/2005	Jeffrey H. Burbank, et al.	
		US-			

**FOREIGN PATENT DOCUMENTS**

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>o</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
					"Abstract Only"	

Examiner Signature		Date Considered	
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